Open House Ceramic Mixing Cartridge
Type 35 mm Size
Model K-35OP B

TECHNICAL CHARACTERISTICS OF THE CERAMIC DISCS:

- Material: \( \text{AL}_2\text{O}_3 \)
- Surface roughness Ra: 0.3 µm
- Contact surface area: 50-80%

TECHNICAL CHARACTERISTICS OF THE CARTRIDGE:

- Opening angle: 25°
- Mixing angle: 90°
- Max. water pressure: 35 bar / 500 psi
- Max. temperature: 90°C/194°F
- Recommended tightening: 12-13 Nm / 106-115 lbf•in
- Pressure test:
  - Pneumatic: 6 bar / 87 psi
  - Hydraulic: 35 bar / 500 psi
- Flow rate:
  - (3 bar / 45 psi, test faucet, EN 817)
  - \( 26.6 \text{ l/min} / 7 \text{ gpm} \) without resistance
  - \( 21.4 \text{ l/min} / 5.7 \text{ gpm} \) with resistance „D”
  - \( 19.5 \text{ l/min} / 5.2 \text{ gpm} \) with resistance „C”
- Endurance test:
  - EN 817: 70 000 cycles
  - ASME A 112.18.1M: 500 000 cycles

- Water discharges from the side, simplifying routing to the spout
- Flex supplies are connected directly to the cartridge, reducing brass content of the faucet body
- Two energy saving features:
  - ECO volume override
  - Hot limit adjustment ring
- Note: Flex supplies should be hand-tightened only, do not tighten with wrench